UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| _ | | | - |
|---|------------------------|----------------------------------|---|
| | Attorney Docket No. | 310121.416 | |
| | First Inventor | Charles L. Gray, Jr. | |
| | Title | HYDRAULIC ACTUATOR CONTROL VALVE | |
| | Express Mail Label No. | EV336613958US | • |

| APPL | ICATION ELEMENTS | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 | | | |
|------------------------|--|--|---|--|--|
| See MPEP chapter 600 | concerning utility patent application contents. | Alexandria, VA 22313-1450 | | | |
| | nittal Form (e.g., PTO/SB/17) | 7. CD-ROM or CD-R in duplicate, large table or | | | |
| | riginal and a duplicate for fee processing) | _ | Program (Appendix) | | |
| 2. Applicant c | laims small entity status. | 8. Nucleotide | and/or Amino Acid Sequence | | |
| See 37 CFI | R 1.27. | Submission | (if applicable, all necessary) | | |
| 3. X Specification | on [Total Pages <u>21</u>] | a. Computer Readable Form (CRF) | | | |
| | arrangement set forth below) | b. Specification Sequence Listing on: | | | |
| • | title of the Invention | i. U CD-ROM or CD-R (2 copies); or | | | |
| | rence to Related Applications | ii. Paper | | | |
| - Statement I | Regarding Fed sponsored R & D | c. Statements verifying identity of above copies | | | |
| | to sequence listing, a table, | ACCOMPANYING APPLICATION PARTS | | | |
| - | ter program listing appendix | | t Papers (cover sheet & document(s)) | | |
| • | d of the Invention pary of the Invention | | (3(b) Statement X Power of e is an assignee) Attorney | | |
| | iption of the Drawings (if filed) | _ ' | Inslation Document (if applicable) | | |
| - Detailed De | • | | Disclosure X Copies of IDS | | |
| - Claim(s) | | | (IDS)/PTO-1449 Citations | | |
| - Abstract of | the Disclosure | _ | Amendment | | |
| 4. X Drawing(s) | (35 U.S.C. 113) [Total Sheets 7] | | eipt Postcard (MPEP 503) | | |
| 5. Oath or Declaration | | | specifically itemized) | | |
| | executed (original or copy) | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | |
| | om a prior application (37 CFR 1.63 (d)) | | | | |
| _ ` | ntinuation/divisional with Box 18 completed) | 16. Nonpublication Request under 35 U.S.C. | | | |
| | ETION OF INVENTOR(S) tatement attached deleting inventor(s) named in | 122(b)(2)(B)(i). Applicant must attach form | | | |
| * | application, see 37 CFR 1.63(d)(2) and 1.33(b). | PTO/SB/35 or its equivalent. 17. ☒ Other: Check | | | |
| | Data Sheet. See 37 CFR 1.76 | 17. 🛛 Other: <u>Cri</u> | <u>eck</u> | | |
| O. Application | Data Sileet. See 37 CFR 1.70 | | | | |
| | APPLICATION OR APPLICATION CLAIMING | | | | |
| | and in the first sentence of the specification follow | | | | |
| ☐ Continuation | n U Divisional U Continuation | n-in-part (CIP) ∷ ∐ CI N | aims priority from application | | |
| Prior application | n information Examiner | IN | Group Art Unit: | | |
| , , | N or DIVISIONAL APPS only: The entire | disclosure of the prio | • | | |
| | blied under Box 5b, is considered a part | | | | |
| divisional applicati | ion and is hereby incorporated by refere | nce. The incorporation | n <u>can only</u> be relied upon when a | | |
| portion has been in | nadvertently omitted from the submitted 19. CORRESPON | | | | |
| <u> </u> | Correspondence address below | DENCE ADDRESS | | | |
| Firm Name | Correspondence address below | | ╡ | | |
| Address | <u> </u> | | Customer Number | | |
| City, State, Zip | | | 24212 | | |
| Country | | | 34212 | | |
| Telephone | , Fa | ex | 1 | | |
| Name (Print/Type) | Harold H. Bennett II | Registration No. (Attorney/Agent) | 52,404 | | |
| Signature | And | Date January 28, 2004 | | | |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| | 1 | Complete if Known | | |
|--|----------------------|----------------------|--|--|
| FFF TO A MODULTER I | Complete II Allowii | | | |
| FEE TRANSMITTAL | Application Number | | | |
| for FY 2004 | Filing Date | January 28, 2004 | | |
| | First Named Inventor | Charles L. Gray, Jr. | | |
| Patent fees are subject to annual revision. | Examiner Name | | | |
| Applicant claims small entity status. See 37 CFR 1.27. | Art Unit | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 896 | Attorney Docket No. | 310121.416 | | |

| METHOD OF PAYMENT | | | | | | | | |
|--|---------------------|--------------------------------------|-------------------------|--|------------------|---------------------------|-----------------------|--|
| Payment Enclosed: Check Credit card Money Order Other Deposit Account: | | | | | | | | |
| Depos Accour Numbe | nt | 19-1090 | | | | | | |
| Depos Accour Name | | Seed Intellectual Property Law Group | | | | | | |
| The Director is authorized to (check all that apply) Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filling fee | | | | | | | | |
| ☑ Charge any deficiencies to the above-identified deposit account. | | | | | | | | |
| | | FEE | CAL | CULATIO | v . | | | |
| 1. BASIC F | ILING F | | CAL | CULATIO | <u> </u> | | | |
| Large Entity Fee Fee(Code | | | e(\$) | Fee Desc | ripti | on | Fee Paid | |
| 1001 7 | 70 20 | 01 3 | 385 | Utility filin | g fee | , | 770 | |
| 1003 5: 1004 7 | | 03 2 04 3 | 170 265 385 80 | Design filing Plant filing Reissue fi Provisiona fee | g fee iling 1 | fee | | |
| <u> </u> | | | | SUBTOT | | | (\$) 770 | |
| 2. EXTRA C | LAIM FE | ES FOR | UTIL | Extra Claims | REIS | Fee from below | Fee Paid | |
| Total Claims | 20 | -20* | • = | 0 | * | 18 | = 0 | |
| Independent Ĉlaims | 4 | -3* | • = | 1 | * | 86 | = 86 | |
| Multiple Dependent | | | | | | | = | |
| <u>Large Entit</u> | ty <u>S</u> | mall Enti | ty | | | | | |
| | -ee (\$) | Fee | Fee | Fee De | scri | ption | | |
| Code 1202 | (\$) 18 | Code . 2202 | (\$) 9 | | | cess of 2 | 0 | |
| 1201 | 86 | 2202 | 43 | | | | n excess of 3 | |
| 1203 | 290 | 2203 | 145 | | | | aim, if not paid | |
| 1204 | 86 | 2204 | 43 | ** Reis origi | sue i nal p | independe atent | ent claims over | |
| 1205 | 18 | 2205 | 9 | | | claims in e original p | excess of 20 atent | |
| | | | SUB | STOTAL (2) |) | (\$) 86 | | |
| **or number p | reviousty (| paid, if grea | ater; F | or Reissues | , see | above | | |

| EEE CALCIII ATION (continued) | | | | | | | | | | | |
|---|-------------|-------------|-------------|--|-------------|--|--|--|--|--|--|
| FEE CALCULATION (continued) 3. ADDITIONAL FEES | | | | | | | | | | | |
| Large E | ntity | Sm | all | | | | | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid | | | | | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | | | | | | | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | | | | | | | |
| 1053 | 130 | 1053 | 130 | Non-English specification | | | | | | | |
| 1812 | 2520 | 1812 | 2520 | For filing a request for ex parte reexamination | | | | | | | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | | | | | | | |
| 1805 | 1840* | 1805 | 1840* | Requesting publication of SIR after Examiner action | | | | | | | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | | | | | | | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | | | | | | | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | | | | | | | |
| 1254 | 1480 | 2254 | 740 | Extension for reply within fourth month | | | | | | | |
| 1255 | 2010 | 2255 | 1005 | Extension for reply within fifth month | | | | | | | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | | | | | | | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | | | | | | | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | | | | | | | |
| 1451 | 1510 | 1451 | 1510 | Petition to institute a public use proceeding | | | | | | | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | | | | | | | |
| 1453 | 1330 | 2453 | 665 | Petition to revive – unintentional | | | | | | | |
| 1501 | 1330 | 2501 | 665 | Utility issue fee (or reissue) | | | | | | | |
| 1502 | 480 | 2502 | 240 | Design issue fee | | | | | | | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | | | | | | | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | | | | | | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | | | | | | | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | | | | | | | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40 | | | | | | |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | | | | | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) | | | | | | | |
| 1801 | 770, | 2801 | 385 | Request for Continued Examination (RCE) | | | | | | | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | | | | | | | |
| Other fee | (specify |) | | | | | | | | | |
| *Reduce | d by Bas | sic Filing | Fee Pa | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40 | | | | | | | |

| | SUBMITTED BY | | Customer Number |
|----------------------|----------------------|---|-----------------|
| Name (Print/Type) | Harold H. Bennett II | Registration No. Attorney/Agent) 52,404 | Customer Number |
| Signature | Harl | Date January 28, 2004 | 34212 |

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.